



# tesa<sup>®</sup> 68441

## Product Information

10µm double sided transparent differential filmic tape

### Product Description

tesa<sup>®</sup> 68441 is a transparent, double-sided self-adhesive tape consisting of a thin, conformable PET film backing and a tackified acrylic adhesive in differential design.

### Product Features

- Outstanding adhesion level relative to low thickness
- Differential design for critical applications
- Excellent resistance to demanding environmental conditions
- Excellent conformability and adjustment to curved surfaces

### Application Fields

- \*Mounting of heat spreading parts
- \*Lamination in NFC antenna
- \*Very small design gap filling

### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

### Product Construction

- |                    |                   |                   |             |
|--------------------|-------------------|-------------------|-------------|
| • Backing          | PET film          | • Total thickness | 10 µm       |
| • Type of adhesive | tackified acrylic | • Color           | transparent |

### Properties/Performance Values

- |                                   |           |                                     |        |
|-----------------------------------|-----------|-------------------------------------|--------|
| • Ageing resistance (UV)          | very good | • Tack                              | low    |
| • Humidity resistance             | very good | • Temperature resistance long term  | 100 °C |
| • Static shear resistance at 23°C | good      | • Temperature resistance short term | 150 °C |
| • Static shear resistance at 40°C | good      |                                     |        |

### Adhesion to Values

- Steel (easy-side, initial) 5.5 N/cm

### Additional Information

Adhesion to Steel (easy-side, initial, ASTM D3330): 4.5N/cm

Adhesion to Steel (tight-side, initial, ASTM D3330): 5.8N/cm

Liner variants:

For latest information on this product please visit <http://l.tesa.com/?ip=68441>



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### Additional Information

PV55 double PET liner (36µm transparent liner / 50µm blue liner)

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=68441>